

CLAIMS

1. A method to receive media signals (1) through receiving means, said media signals (1) containing unwanted signal components, to chose a representation for said media signals and process these media signals (1) in such a way that said unwanted signal components are essentially removed and the remaining signal components are saved, said method comprising the steps of:

from the media signals (1) chose a search key representation (20);

in a search track (30) conduct a first search after a signal representation (10) that contains a section (11) which is essentially identical with said search key (20);

to compare a first segment (40), which lies before and after said search key (20), with a second segment (41) which lies before and after said section (11) which is essentially identical with the first search key (20);

from said first segment (40) and said second segment (41) find a first common segment (44); said method being characterized in that said common segment (44) is loaded into a therefore intended memory domain (100) and that said segment is stored in said memory domain (100) as a signal representation (70) without unwanted signal components.

2. Method according to claim 1, characterized in that said first search (20) is conducted among media signal representations (70) stored in the memory domain (100).

3. Method according to claim 1 or 2, characterized in that the method, in the case no essentially identical copy of the search key representation was found, comprises the step of conducting further searches in the search track after essentially identical copies of said search key representations and when such a copy is found conduct a comparison process to find common segments, this process is conducted until a final common segment is achieved or until the process is terminated, whereupon said common segment is loaded into the memory domain (100) as a signal representation.

4. Method according to any of the claims 1, 2 or 3, characterized by the step of removing all redundant signal representations from the search track in the case the search track contains a multiple of essentially identical signal representations, to thereby achieve a better use of the memory capacity.

5. Method according to any of the claims 1, 2 or 3, wherein a signal representation (73) that lies between two signal representations (71, 73) contained in the memory domain is removed if said signal representation (73) has a time duration that is shorter than a predetermined threshold value.
6. Method according to any of the claims 1, 2 or 3, wherein the section of a signal representation (73) that lies between two signal representations contained in the memory domain is saved if the setting of the search key was activated during this section.
7. Method according to any of the above given claims, characterized in that said search track consist of every N:th sample of a signal representation (10).
8. Method according to any of the above given claims, wherein the search tracks, when recorded, are normalized to have a common amplitude and sound level.
9. Method according to claim 1 or 2, wherein the signal representations (70) are representations of music, talk, noise, jingles or logotypes.
10. Method according to claim 1 or 2, wherein the signal representations are representations of music and/or movies.
11. A method to receive media signals (1) through receiving means, said media signals (1) containing unwanted signal components, to chose a representation for said media signals and process these media signals (1) in such a way that said unwanted signal components are essentially removed and the remaining signal components are saved, said method comprising the steps of:
 - from the media signals (1) chose a search key representation (20);
 - in a search track (30) conduct a first search after a signal representation (10) that contains a section (11) which is essentially identical with said search key (20);
 - to compare a first segment (40), which lies before and after said search key (20), with a second segment (41) which lies before and after said section (11), which is essentially identical with the first search key (20);
 - from said first segment (40) and said second segment (41) find a first

common segment (44); said method being characterized in that said final common segment (44) is removed from the search track when it appears in the search track.

12. Method according to claim 10, characterized in that said first search (20) is conducted among media signal representations stored in the memory domain (70).

13. Method according to any of the above given claims, characterized in that said search track consist of every N:th sample of a signal representation (10).

14. Method according to claim 1 or 2, wherein the signal representations (70) are representations of music, talk, noise, jingles or logotypes.

15. Method according to claim 1 or 2, wherein the signal representations are representations of music and/or movies.